

SEQUENCE LISTING

<110> Nibberling, Petrus Hendricus
Riemstra, Pieter Sicco
Van den Barrselaar, Maria Theodora
Pauwels, Ernest Karl Jacob
Feitsma, Rolf Ide Johannes

<120> Antimicrobial Peptides Derived From Ubiquicidine

<130> Nibberling et al.

<140> 09/424,815
<141> 2000-04-10

<150> PCT/NL98/00311
<151> 1998-05-29

<150> NL 1006164
<151> 1997-05-29

<160> 11

<170> Microsoft Word 97 SR-2

<210> 1
<211> 59
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Mammalian

<400> 1
Lys Val His Gly Ser Leu Ala Arg Ala Gly Lys Val Arg Gly Gln Thr
1 5 10 15
Pro Lys Val Ala Lys Gln Glu Lys Lys Lys Lys Thr Gly Arg Ala
20 25 30
Lys Arg Arg Met Gln Tyr Asn Arg Arg Phe Val Asn Val Val Pro Thr
35 40 45
Phe Gly Lys Lys Lys Gly Pro Asn Ala Asn Ser
50 55

<210> 2
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequenc : peptide 1-18

<400> 2

Lys Val His Gly Ser Leu Ala Arg Ala Gly Lys Val Arg Gly Gln Thr
1 5 10 15

Pro Lys
18

<210> 3
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide 29-41

<400> 3
Thr Gly Arg Ala Lys Arg Arg Met Gln Tyr Asn Arg Arg
1 5 10

<210> 4
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide 18-29

<400> 4
Lys Val Ala Lys Gln Glu Lys Lys Lys Lys Lys Thr
1 5 10

<210> 5
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide 18-35

<400> 5
Lys Val Ala Lys Gln Glu Lys Lys Lys Lys Lys Thr Gly Arg Ala Lys
1 5 10 15

Arg Arg
18

<210> 6
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: peptide 18-35
with D-alanine on both ends

<400> 6

Ala Lys Val Ala Lys Gln Glu Lys Lys Lys Lys Thr Gly Arg Ala
1 5 10 15

Lys Arg Arg Ala
20

<210> 7

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide 29-35

<400> 7

Thr Gly Arg Ala Lys Arg Arg
1 5

<210> 8

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide 42-59

<400> 8

Phe Val Asn Val Val Pro Thr Phe Gly Lys Lys Lys Gly Pro Asn Ala
1 5 10 15

Asn Ser
18

<210> 9

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide 36-41

<400> 9

Met Gln Tyr Asn Arg Arg
1 5

<210> 10

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide 1-22

<400> 10

Lys Val His Gly Ser Leu Ala Arg Ala Gly Lys Val Arg Gly Gln Thr
1 5 10 15

Pro Lys Val Ala Lys Gln
20

<210> 11

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: peptide 9-29

<400> 11

Ala Gly Lys Val Arg Gly Gln Thr Pro Lys Val Ala Lys Gln Glu Lys
1 5 10 15

Lys Lys Lys Lys Thr
20